Attorney Docket No. 837.1969

ARG

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ATTENTION

BRANCH

CERTIFICATE OF CORRECTION

In re Patent Application of:

Yoichi OIKAWA, et al.

Application No.: 09/924,606

Confirmation No.: 5250

Filed: August 9, 2001

U.S. Patent No.: 6,907,154

Issued: June 14, 2005

OPTICAL SWITCH HAVING SWITCH CELLS WITH MOVABLE SWITCH MIRRORS

(AS AMENDED)

SECOND REQUEST FOR CERTIFICATE OF CORRECTION

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

For:

Patentees respectfully request that a Superseding Certificate of Correction be issued in the subject patent, pursuant to 35 U.S.C. §254 and 37 C.F.R. §1.322, to correct the mistakes shown on the attached Form PTO-1050. The original Certificate of Correction issued from the U.S. Patent and Trademark Office on May 1, 2007, omitted a page of the PTO-1050 filed on March 15, 2007. A copy of the above-mentioned Certificate of Correction, with the error noted in red, is enclosed for your convenience. This will supersede all previous Certificate of Corrections.

Since the mistakes are Patent Office mistakes, it is believed that no fee is required.

Respectfully submitted,

STAAS & HALSEY LLP

Date: ˌ

7.2007

Bv:

Gene M. Garner II

Registration No. 34,172

Certificate

__JUN_1_1 2007

of Correction

1201 New York Ave, N.W., 7th Floor

Washington, D.C. 20005 Telephone: (202) 434-1500 Facsimile: (202) 434-1501

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO: 6,907,154

DATED: June 14, 2005

INVENTOR(S): Yoichi OIKAWA, et al.

Column 19, Line 60, change "comprises;" to --comprises: --.

Column 20, Line 56, change "substrate;" to --substrate,--.

Column 20, Line 58, after "where" insert --incident--.

Column 20, Line 67, change "moveable" to --movable--.

Column 20, Line 67, change "members" to --member--.

Column 21, Line 1, change "moveable" to --movable--.

Column 21, Line 2, change "members;" to --members,--.

Column 21, Line 3, change "moveable" to --movable--.

Column 21, Line 5, change "moveable" to --movable--.

Column 21, Line 7, change "moveable" to --movable--.

Column 21, Line 15, change "moveable" to --movable--.

Column 21, Line 17, change "moveable" to --movable--.

Column 21, Line 18, change "moveable" to --movable--.

Column 21, Line 19, change "member;" to --member,--.

Column 21, Line 21, change "moveable" to --movable--.

Column 21, Line 21, change "being" to --are--.

MAILING ADDRESS OF SENDER: STAAS & HALSEY LLP 1201 New York Ave., N.W. 7th Floor Washington, DC 20005

PATENT NO. 6,907,154

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. (Also Form PTO-1050)

CERTIFICATE OF CORRECTION

PATENT NO: 6,907,154

DATED: June 14, 2005

INVENTOR(S): Yoichi OlKAWA, et al.

Column 21, Line 23, change "moveable" to --movable--.

Column 21, Line 25, change "moveable" to --movable--.

Column 21, Line 33, change "moveable" to --movable--.

Column 21, Line 35, change "moveable" to --movable--.

Column 21, Line 36, change "moveable" to --movable--.

Column 21, Line 37, change "member;" to --member, --.

Column 21, Line 38, after "ports" insert -- are -- .

Column 21, Line 39, change "equal;" to --equal,--.

Column 21, Line 40, change "moveable" to --movable--.

Column 21, Line 42, change "moveable" to --movable--.

Column 21, Line 45, change "moveable" to --movable--.

Column 21, Line 48, after "of" delete "optical".

Column 21, Line 58, change "means;" to --means,--.

Column 21, Line 59, change "moveable" to --movable--.

Column 21, Line 61, change "moveable" to --movable--.

Column 21, Line 64, change "moveable" to --movable--.

MAILING ADDRESS OF SENDER: STAAS & HALSEY LLP

1201 New York Ave., N.W. 7th Floor Washington, DC 20005 PATENT NO. 6,907,154

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO: 6,907,154

DATED: June 14, 2005

INVENTOR(S): Yoichi OIKAWA, et al.

Column 22, Line 10, change "means" to --means,--.

Column 22, Line 12, change "moveable" to --movable--.

Column 22, Line 14, change "moveable" to --movable--.

Column 22, Line 16, change "moveable" to --movable--.

Column 22, Line 26, change "moveable" to --movable--.

Column 22, Line 33, change "direction;" to --direction, --.

Column 22, Line 34, change "moveable" to --movable--.

Column 22, Line 36, change "moveable" to --movable--.

Column 22, Line 38, change "moveable" to --movable--.

Column 22, Line 46, after "member;" insert --and--.

Column 22, Line 47, change "moveable" to --movable--.

Column 22, Line 50, change "moveable" to --movable--.

Column 22, Line 52, change "moveable" to --movable--.

Column 22, Line 56, change "moveable" to --movable--.

Column 22, Line 58, change "moveable" to --movable--.

Column 22, Line 60, change "moveable" to --movable--.

Column 23, Line 3, change "member;" to --member, --.

Column 24, Line 3, change "member;" to --member,--.

MAILING ADDRESS OF SENDER: STAAS & HALSEY LLP
1201 New York Ave., N.W.

7th Floor Washington, DC 20005 PATENT NO. 6,907,154

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

Page 1 of 2

PATENT NO.

: 6,907,154 B2

APPLICATION NO.: 09/924606

DATED

: June 14, 2005

INVENTOR(S)

: Yoichi Oikawa et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 19, Line 60, change "comprises;" to --comprises:--.

Column 20, Line 56, change "substrate;" to --substrate, --.

Column 20, Line 58, after "where" insert --incident--.

Column 20, Line 67, change "moveable" to --movable--.

Column 20, Line 67, change "members" to --member--.

Column 21, Line 1, change "moveable" to --movable--.

Column 21, Line 2, change "members;" to --members--.

Column 21, Line 3, change "moveable" to --movable--.

Column 21, Line 5, change "moveable" to --movable--.

Column 21, Line 7, change "moveable" to --movable--.

Column 21, Line 15, change "moveable" to --movable--.

Column 21, Line 17, change "moveable" to --movable--.

Column 21, Line 18, change "moveable" to --movable--.

Column 21, Line 19, change "member;" to --member,--.

Column 21, Line 21, change "moveable" to --movable--.

Column 21, Line 21, change "being" to --are--.

Column 22, Line 12, change "moveable" to --movable--.

Column 22, Line 14, change "moveable" to --movable--.

Column 22, Line 16, change "moveable" to --movable--.

Column 22, Line 26, change "moveable" to --movable--.

Column 22, Line 33, change "direction;" to --direction,--.

COLUMN 21, LINE 25, Change "moveable" to -- movable --

- COLUMN 22, LINE 10, Change "means" to -- means, ---

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO.

: 6,907,154 B2

Page 2 of 2

APPLICATION NO.: 09/924606 : June 14, 2005

DATED INVENTOR(S)

: Yoichi Oikawa et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 22, Line 34, change "moveable" to --movable--.

Column 22, Line 36, change "members" to --member--.

Column 22, Line 38, change "moveable" to --movable--.

Column 22, Line 46, after "member" insert -- and --.

Column 22, Line 47, change "moveable" to --movable--.

Column 22, Line 50, change "moveable" to --movable--.

Column 22, Line 52, change "moveable" to --movable--.

Column-22, Line 56, change "moveable" to --movable--.

Column 22, Line 58, change "moveable" to --movable--.

Column 22, Line 60, change "moveable" to --movable--.

Column 23, Line 3, change "member;" to --member,--.

Column 24, Line 3, change "member;" to --member,--.



Signed and Sealed this

First Day of May, 2007

JON W. DUDAS Director of the United States Patent and Trademark Office



N THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Yoichi OIKAWA et al.

Application No.: 09/924,606 ATTENTION

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Since the mistakes are Patent Office mistakes, it is believed that no fee is required.

Respectfully submitted,

STAAS & HALSEY LLP

Date: Mal 15, 2007

By:

Gene M. Garner, II Registration No. 34,172

1201 New York Ave, N.W., 7th Floor

Washington, D.C. 20005 Telephone: (202) 434-1500 Facsimile: (202) 434-1501

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Column 21, Line 21, change "moveable" to --movable--.

Column 21, Line 21, change "being" to --are--.

PATENT NO. 6,907,154

Page 1 of 3 @ 50¢ per page

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

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Column 21, Line 33, change "moveable" to --movable--.

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Column 21, Line 36, change "members" to --member--.

Column 21, Line 37, change "moveable" to --movable--.

Column 21, Line 39, change "equal;" to --equal,--.

Column 21, Line 38, after "ports" insert --are--.

Column 21, Line 40, change "moveable" to --movable--.

Column 21, Line 42, change "moveable" to --movable--.

Column 21, Line 45, change "moveable" to --movable--.

Column 21, Line 48, change "moveable" to --movable--.

Column 21, Line 58, change "moveable" to --movable--.

Column 21, Line 59, change "moveable" to --movable--.

Column 21, Line 61, change "moveable" to --movable--.

Column 21, Line 64, change "moveable" to --movable--.

Column 22, Line 10, change "means" to --means,--.

COPY

MAILING ADDRESS OF SENDER: STAAS & HALSEY LLP 1201 New York Ave., N.W. 7th Floor

Washington, DC 20005

PATENT NO. 6,907,154

Page 2 of 3 @ 50¢ per page

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO: 6,907,154

DATED: June 14, 2005

INVENTOR(S): Yoichi OlKAWA et al.

GOPY

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Column 22, Line 38, change "moveable" to --movable--.

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Column 22, Line 52, change "moveable" to --movable--.

Column 22, Line 56, change "moveable" to --movable--.

Column 22, Line 58, change "moveable" to --movable--.

Column 22, Line 60, change "moveable" to --movable--.

Column 23, Line 3, change "member;" to --member,--.

Column 24, Line 3, change "member;" to --member,--.

PATENT NO. 6,907,154

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Page 3 of 3 @ 50¢ per page